Title (en)

METHOD FOR PRODUCING A FORM-FIT CONNECTION BETWEEN TWO COMPONENTS OF AN ASSEMBLY LOCATED IN A VEHICLE, TOOL, AND ASSEMBLY

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER FORMSCHLÜSSIGEN VERBINDUNG ZWISCHEN ZWEI BAUTEILEN EINES IN EINEM FAHRZEUG BEFINDLICHEN AGGREGATS, -WERKZEUG UND -AGGREGAT

Title (fr)

PROCÉDÉ DE RÉALISATION D'UNE LIAISON PAR COMPLÉMENTARITÉ DE FORMES ENTRE DEUX COMPOSANTS D'UN GROUPE SE TROUVANT DANS UN VÉHICULE, AINSI QU'OUTIL ET GROUPE CORRESPONDANTS

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Abstract (en)

[origin: WO2010049021A1] The invention relates to a method for producing a form-fit connection between a first component (6) and a second component (7a) of an assembly located in a vehicle, particularly a brake cylinder (5). The two components (6, 7a) are cylinder-shaped and each comprises a flange (8, 9). Said connection takes place by at least one, one-piece, closed locking ring (1, 1a) having a U-shaped cross section, the edges thereof comprising the two flanges (8, 9) of the two components (6, 7a). According to the proposed method, the locking ring (1) is deformed by means of an axial flanging process, wherein the two edges of the locking ring (1) penetrate into rounded or chamfered contours (4, 19) of a split flanging tool (2a, 2b) or a ring-shaped punch (18).

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